



October 15, 2020

United States Environmental Protection Agency
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Attention: Mr. Wesley Hardegree
Environmental Engineer

Re: **Quarterly Progress Report #32 July-September 2020**
Bluestone Coke, LLC
4200 F. L. Shuttlesworth Drive
Birmingham, Jefferson County, Alabama
USEPA ID No. ALD 000 828 848
Terracon Project No. E1127096

Dear Mr. Hardegree:

On behalf of Bluestone Coke, LLC (Bluestone Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #32 for the work completed from July 1, 2020 to September 30, 2020 for the above-referenced site. This progress report has been prepared in accordance with paragraph 53 of the Order on Consent with effective date of August 1, 2016.

PROGRESS REPORT (JULY 1, 2020 THROUGH SEPTEMBER 30, 2020)

Corrective Measures Implementation

- Bluestone Coke submitted a letter to the US EPA on September 24, 2020 indicating Bluestone Coke had made payment for the application/injection of the in-situ chemical oxidation (ISCO) products for the Pilot Study.
- We received comments on the LUCPs for SMA 4 and SMA 5. The LUCPs will be revised by November 9, 2020.

Interim Measures

- Hydraulic Control System had issues during this period. The system was repaired and tested in late September; however, the system was left off due to the Pilot Test. The pumping may interfere with the injected chemicals. The hydraulic control system will remain off during the pilot study. The volume of water recovered from July 1, 2020 through September 30, 2020 was 0 gallons.

- Groundwater level measurements and groundwater samples were collected from the monitoring wells in September 2020. These results will be reported to EPA in the next Annual Report which is due by August 30, 2021.

PROJECTED WORK FOR NEXT REPORTING PERIOD (OCTOBER 1, 2020 THROUGH DECEMBER 31, 2020)

Corrective Measures Implementation

We anticipate the following activities related to the approved CMI Work Plan to occur:

- The ISCO is scheduled for October 13 through 23, 2020.
- Revision of the of the Land Use Control Plans (LUCPs) for SMAs 4 and 5 will be submitted by November 9, 2020.

Interim Measures/Remediating Monitoring


- Collect groundwater samples in November 2020.

CLOSING

If you should have any questions, please do not hesitate to contact us at (205) 942-1289.

Sincerely,

Terracon


Terrell W. Rippstein - PG#8
Principal Geologist

Cc: Meredith Anderson – EPA Region 4
Mr. Don Wiggins – Bluestone Coke
ADEM